

GAUSE, G.F.; KOCHETKOVA, G.V.; PRIOBRIZHEVSKAYA, T.P.; KUDINA, E.G.;  
SVISENIKOVA, M.A.; POPOVA, O.L.

The use of actinophages in the search for antiviral antibiotics.  
J. Hyg. Epidemiol., Praha 1 no.1:63-69 1957.

1. Institute for Antibiotics Research of the Academy of Medical Sciences  
of the U.S.S.R., Moscow.

(ACTINOMYCETES,

actinophages, in research on antiviral antibiotics)

(ANTIBIOTICS,

antiviral, use of actinophages in research)

(BACTERIOPHAGES,

actinophage in research on antiviral antibiotics)

USSR/Virology - Bacterial Viruses (Phages)

E.

Abs Jour : Ref Zhur - Biol., No 19, 1958, 85765

Author : Gauze, G.F., Kochetkova, G.V., Preobrazhenskaya, T.P.,  
Kudrina, Ye.S., Sveshnikova, M.A., Popova, O.L.

Inst : -

Title : Studies of the Suppressive Effects of Actinomycetes on  
Actinophages.

Orig Pub : Mikrobiologiya, 1957, 26, No 6, 729-735

Abstract : Of 9 actinophages isolated from the soil only 2 were distinguished by specificity of action, while the others were polyvalent. Comparative studies of the antiphage and antibacterial activity of 1000 strains of Actinomycetes showed that of 546 strains which suppressed bacterial growth, 331 also suppressed actinophages (under conditions of interaction with a culture), and of 454 strains which did not suppress bacteria, 247 also suppressed actinophages. Of 578 cultures of Actinomycetes with

Card 1/2

- 3 -

APPROVED FOR RELEASE: 06/19/2000 (Phages) CIA-RDP86-00513R000827120019-1"

Abs Jour : Ref Zhur - Biol., No 19, 1958, 85765

antiphage activity, 279 (48%) acted against 1, 147 (21%) acted against 2, 85 (15%) acted against 3, 40 (7%) acted against 4, 21 (4%) acted against 5, and 6 (1.9%) acted against 6 different phages. -- Ya.I. Rautenshteyn

Card 2/2

GAUZE, G.F., KUDRINA, Ye.S., TRENINA, G.A., TOROPOVA, Ye.G., VYSHEPAN, Ye.D.

Formation of a new antibiotic actinoidin in cultures of *Proactinomyces actinoides* [with summary in English]. Antibiotiki  
3 no.1:51-55 Ja-F'58 (MIRA 11:5)

1. Institut po izyskaniyu novykh antibiotikov AMN SSSR.  
(ANTIBIOTICS,  
actinoidin, prod. by *Proactinomyces actinoides* (Rus))  
(NOCARDIA,  
*Proactinomyces actinoides*, prod. of actinoidin (Rus))

KUDRINA, Ye. S., KOCHETKOVA, G.V.

Taxonomy of organisms producing albomycin [with summary in English]  
Antibiotiki 3 no.1:63-67 Ja-F'58 (MIRA 11:5)

1. Laboratoriya izyskaniya i kul'tivirovaniya produktentov  
Institute po izyskaniyu novykh antibiotikov AMN SSSR.  
(ACTINOMYCES,  
subtropicus, taxonomy of albomycin-prod. strains (Rus))  
(ANTIBIOTICS,  
albomycin prod. Actinomyces subtropicus, taxonomy (Rus))

PREOBRAZHENSKAYA, T.P.; KUDRINA, Ye.S.; SVESHNIKOVA, M.A.; MAKSIMOVA, T.S.

Electron microscopy of spores in the systematics of actinomycetes.

Mikrobiologiya 28 no.4:623-627 JI-Ag '59.

(MIRA 12:12)

1. Institut po izyskaniyu novykh antibiotikov AMN.  
(ACTINOMYCES)  
(MICROSCOPY ELECTRON)

KUDRINA, Jelizavieta S.; MORDARSKI, Marian

Effect of nitrogen source on the structure of cell wall of actinomycetes. Arch.immun.ter.dosw. 8 no.4:655-661 '60.

1. Institute of New Antibiotics, Academy of Medical Sciences, Moscow, and Department of Antibiotics, Institute of Immunology and Experimental Therapy, Polish Academy of Sciences, Wroclaw.

(ACTINOMYCES culture) (NITROGEN)

PREOBRAJENSKAYA, T.P. [Preobrazhenskaya, T.P.]; KUDRINA, E.S. [Kudrina, Ye.S.];  
SVESNIKOVA, M.A. [Sveshnikova, M.A.]; MAKSIMOVA, T.S.

Use of electronic microscopy of spores in the systematics of  
actinomycetes. *Analele biol* 14 no.1:167-172 Ja-Mr '60.

\*



PRIMOBRASHENSKAYA, T.P.; KUDRINA, Ye.S.; MAKSIMOVA, T.S.; SVESHNIKOVA, M.A.;  
BOYARSKAYA, R.V.

Electron-microscopic study of spores in various actinomycete species.  
Mikrobiologiya 29 no.1:51-55 Ja-F '60. (MIRA 13:5)

1. Institut po issledovaniyu novykh antibiotikov AMN SSSR.  
(ACTINOMYCETES)  
(MICROSCOPY ELECTRON)

PREOBRAZHENSKAYA, T.P.; KUDRINA, Ye.S.; SVESHNIKOVA, M.A.; MAKSIMOVA, T.S.

On diagnostic significance of various characters in classifying  
representatives of the genus Actinomyces (Streptomyces). Mikro-  
biologiya 29 no.3:455-462 My-Je '60. (MIRA 13:7)

1. Institut po izyskaniyu novykh antibiotikov AMN SSSR.  
(ACTINOMYCES)

SVESHNIKOVA, M.A.; KUDRINA, Ye.S.; MAKSIMOVA, T.S.; PREOBRAZHENSKAYA,  
T.P.

Stability of physiological characters and their significance for  
the systematics of actinomycetes. Mikrobiologiya 29 no. 4:611-616  
Jl-Ag '60. (MIRA 13:10)

1. Institut po izyskainyu novykh antibiotikov, AMN SSSR.  
(ACTINOMYCES) (BACTERIOLOGY—CLASSIFICATION)

MORDARSKIY, M.Yu.; KUDRINA, Ya.S.

Effect of various nitrogen sources on the surface structure of  
sporus membranes in actinomycetes. Mikrobiologiya 30 no.1:86-90  
Ja-F '61. (MIRA 14:5)

1. Institut po izyskaniyu novykh antibiotikov AMN SSSR. 2. Institut  
eksperimental'noy meditsiny imeni Girshvel'da Pol'skoy akademii nauk,  
Vrotslav (for Mordarskiy).  
(ACTINOMYCES)

MAKSIMOVA, T. S.; PREOBRAZHenskAYA, T. P.; KUDRINA, Ye. S.;  
SVESHNIKOVA, M. A.

Species composition of actinomycetes in some regions of southern  
China. Mikrobiologiya 30 no.3:396-401 My-Je '61.

(MIRA 15:7)

1. Institut po issledovaniyu novykh antibiotikov AMN SSSR.

(CHINA—ACTINOMYCETES)

GAUZE, G.F.; KUDRINA, Ye.S.; UKHOLINA, R.S.; GAVRILINA, G.V.

New antibiotic ristomycin produced by *Streptomyces fructi-*  
*feri* var. *ristomycini*. Antibiotiki 8 no. 5: 381-392 My'63  
(MIRA 17:3)

1. Institut po izyskaniyu novykh antibiotikov AMN SSSR.

KUDRINA, Ye.S.; MAKSIMOVA, T.S.

Some species of thermophilic actinomycetes from the soils of  
China and their antibiotic characteristics. Mikrobiologiya 32  
no.4:623-631 J1-Ag '63. (MIRA 17:6)

1. Institut po izyskaniyu novykh antibiotikov L'N SSSR.

KUDRINA, Ye.S.; PEROBIAZHENSKAYA, T.P.; SVESHNIKOVA, ...; KOSIMOVA, T.S.

Comparative evaluation of various nutrient media for discovering morphological and cultural characters of Actinomyces. Mikrobiologiya 33 no.5:873-879 S-O '64. (MIRA 18:3)

1. Institut po izyskaniyu novykh antibiotikov AMN SSSR.



W. J. NOV, A.

"Notes of the bases for Plant Protection of Machine-tractor stations", p. 33, (KOOPERATIVNO ZHITELIIE, Vol. 9, No. 2/3, 1954, Sofia, Bulgaria)

SO: Monthly List of East European Acquisitions, (BRII), LC, Vol. 4, No. 1, Jan. 1955, Uncl.

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Y1. . . -- "Restriction of Foreign Selling in the USSR, (1971)  
on the basis of their (1971), and (1971) (1971) (1971)  
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See: USSR: Moscow (January-December 1971)

KUDRINSKAYA, O.I. [Kudryns'ka, O.I.]

Diurnal rhythm of the nutrition of young roach in Kakhovka  
Reservoir. Dop. AN URSSR no. 6:811-813 '64. (MIRA 17:9)

1. Institut gidrobiologii AN UkrSSR. Predstavleno akademikom  
AN UkrSSR A.P.Markevichem [Markevych, O.P.].

KUDRINSKAYA, O.I. [Kudryns'ka, O.I.]

Cannibalism in carp larvae and fry. Dop. AN URSR no.1:111-  
113 '62. (MIRA 15:2)

1. Institut gidrobiologii AN USSR. Predstavleno akademikom  
AN USSR A.P.Markevichem [Markevych, O.P.].  
(Carp)  
(Cannibalism(Animals))

KUDRINSKAYA, O.I. [Kudryns'ka, O.I.]

Rate of the digestion of food in roach and sazan larvae. Dop.  
AN URSR no.4:534-536 '64. (MIRA 17:5)

1. Institut gidrobiologii AN UkrSSR. Predstavleno akademikom  
AN UkrSSR V.G.Kas'yanenko [Kas'ianenko, V.H.].

ZHDANOV, V.; KHRISTOV, L.; MURAV'YEV, M.; RYZHOV, A.; VASHKOV, V.; PEDOSOVA, A.  
POGODINA, L.; KLECHETOVA, A.; SUBBOTIN, A.; ZAKHAROVA, Ye.; GANDEL'S-  
MAN, B.; SAZONOVA, N.; ZEVAKINA, I.; KUDRINSKIY, I.; MISKAROV, D.;  
KHANNIYA, F.

Professor A.N.Tregubov; obituary. Gg. 1 san. 21 no.10:63 0 '56.  
(MLRA 9:11)  
(TREGUBOV, ALEKSANDR NIKOLAEVICH, 1888-1956)

SOKOLOVSKIY, M.S., otvetstvennyy red.; VEBER, L.G., red.; MUROVANNAYA, S.I.,  
red.; KUDRINSKIY, I.N., red.; TRAKHTMAN, N.M., red.; CHERNIKOV, A.P.,  
red.; YEVDOKIMOVA, Z.N., tekhn.red.

[Abstracts of works based on practical experience (1952-1954)]  
Referaty nauchno-prakticheskikh rabot (1952-1954 gg). Pod red.  
M.S.Sokolovskogo i dr. Moskva, Gos.isd-vo med.lit-ry, 1956. 247 p.  
(MIRA 10:12)

1. Moscow. Moskovskaya gorodskaya sanitarno-epidemiologicheskaya  
stantsiya.

(BIBLIOGRAPHY—PUBLIC HEALTH)

SOKOLOVSKIY, M.S., otv.red.; VEBER, L.G., red.; MURVANAYTA, S.I., red.;  
KUDRINSKIY, I.N., red.; TRAKHTMAN, N.N., kand.med.nauk, red.

[Abstracts of articles on research and practice, 1955-1957]  
Referaty nauchno-prakticheskikh rabot, 1955-1957. Pod red.  
M.S.Sokolovskogo i dr. Moskva, 1958. 428 p. (MIRA 13:6)

1. Moscow. Moskovskaya gorodskaya sanitarno-epidemiologicheskaya stantsiya. 2. Sanitarno-epidemiologicheskaya stantsiya g.Moskvy (for Trakhtman).

(PUBLIC HEALTH)



NIKOLAYENKO, Ye.G.; HYVKIS, Ya.M.; ADAMOV, G.G.; KUDRINSKIY, V.M.

Semiautomatic machine (model P84) for coremaking. Lit. proizv.  
no.11:34-35 N '60. (MIRA 13:12)

(Coremaking)

KUDINSKIY, V. Yu.

Approximate method for determining the linear mathematical  
model of an object with variable parameters on data of its normal  
performance. Vych. mat. [Kiev] no. 1:164-168 '65  
(MIRA 19:2)

PILIPENKO, A.T.; KOSTYSHINA, A.P.; KUDRITSKAYA, L.N.

Use of thionalide in analysis. Part 1. Determination of the acid dissociation constant of thionalide and solubility products of thallium (I), silver, cadmium, and zinc thionates. Ukr. khim. zhur. 28 no.1:109-112 '62.

(MIRA 16:8)

1. Kiyevskiy gosudarstvennyy universitet im. Shevchenko.

NABIVANETS, B.I.; KUDRITSKAYA, L.N.

Determination of the charge of complex ions by paper electrophoresis.  
Ukr.khim.zhur. 29 no.6:586-589 '63. (MIRA 16:9)

1. Institut obshchey i neorganicheskoy khimii AN UkrSSR.  
(Complex compounds) (Electrophoresis)

NABIVANETS, B.I.; KUDRITSKAYA, L.N.

Complex of thorium (IV) with xlenol orange. Ukr. khim. zhur.  
29 no.11:1198-1205 '63. (MIRA 16:12)

1. Institut obshchey i neorganicheskoy khimii AN UkrSSR.

NABIVANETS, B.I.; KULITSKAYA, L.N.

Hydroxo complexes of thorium (IV), Ukr. khim. zhur. 30 no.9:  
891-895 '64. (MIRA 17:10)

1. Institut obshchey i neorganicheskoy khimii AN UkrSSR.

NABIVANETS, B. I.; KURCHIKOVA, L. M.

Study of the state of thorium in solutions of hydrochloric, hydrochloric, and nitric acids by the methods of cation-dialysis and ion-exchange chromatography. Ukr. khim. zhurn. 30 no.10:1007-1016 1964.

(Ukr. 11:1)

1. Institut khimicheskoi mekhaniki, Kiev, U.S.S.R.

NABIVANETS, B.I.; KUDRITSKAYA, I.N.

Separation of thorium from accompanying elements and preparation  
of analytical concentrates by ion-exchange chromatography. Zhur.  
anal. khim. 21 no. 1:40-45 '66 (MIRA 19:1)

1. Institut obshchey i neorganicheskoy khimii AN UkrSSR, Kiev.



L 36080-66 EWT(m)/EWP(t)/ETI IJP(c) JD

ACC NR: AP6016299 (N) SOURCE CODE: UR/0075/66/021/001/0040/0045

AUTHOR: Nabivanets, B. I.; Kudritskaya, L. N.

ORG: Institute of General and Inorganic Chemistry, AN UkrSSR, Kiev  
(Institut obshchey i neorganicheskoy khimii AN UkrSSR)

TITLE: Separation of <sup>27</sup>thorium from accompanying elements and production of analytical concentrates by the method of ion exchange chromatography

SOURCE: Zhurnal analiticheskoy khimii, v. 21, no. 1, 1966, 40-45

TOPIC TAGS: thorium, chemical separation, ion exchange chromatography, zirconium, ~~cation~~

ABSTRACT: The article presents the results of experiments on the separation of thorium from many elements, and on the concentration of thorium from solutions containing from  $2 \times 10^{-2}$  to  $1 \times 10^{-2}$  micrograms/milliliter, using a type KU-2 cation exchange resin. Experiments were made under static conditions: 0.15 grams of KU-2 cation exchange resin in the hydrogen form (grain size 0.5-1.0 mm) were mixed with 15 milliliters of the solution to be analyzed up to the point at which equilibrium was established. The concentration of zirconium or thorium in the starting solutions was  $1 \times 10^{-3}$  molar. In the separation of

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UDC: 543.544

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ACC NR: AP6016299

thorium from zirconium and other elements, 25 milliliters of a mixture of 5 N HClO<sub>4</sub> + 0.1 N H<sub>2</sub>SO<sub>4</sub> containing about 10 milligrams of Th(IV), as well as Be(II), Fe(III), Cr(III), Ti(IV), Ge(IV), Sn(IV), V(V), Mo(VI), W(VI), or U(VI) was passed at a rate of 2-3 milliliters/min through a column filled with cation exchange resin KU-2 in the H-form (depth of the layer was 20 cm and the diameter 1 cm). Fractions of the eluate of about 25 ml were selected and from each of them the metal ions were determined by standard photometric methods. Results are exhibited in a series of curves and tables. The method described was used for the concentration of thorium from very dilute solutions of the order of 10<sup>-8</sup> to 10<sup>-9</sup> molar. The degree of concentration obtained was approximately 1000. Orig. art. has: 1 figure and 3 tables.

SUB CODE: 07/ SUBM DATE: 06Jul64/ ORIG REF: 021/ OTH REF: 021

LS

Card 2/2

SHMILEVA, V.A., kand.biolog.nauk; ZULRITOKAYA, T.G.; MAL'FABAR, V.M., kand.  
sel'skokhoz.nauk

Stabilization of semisweet wines by means of stopped fermentation.  
Trudy MNIIP 4:38-47 '64. (MIRA 18:1)

116

CA KUDRITSKAYA, I. Ye.

Metabolism of labile phosphorus compounds in brain anemia under conditions of protective inhibition. K. G. Gromova, I. Ye. Kudritskaya, I. R. Petrov, and V. S. Shaput (Inst. Exptl. Med., Leningrad). *Neurokhim. 17*, 18-20 (1953). Most of the white rats after ligation of the carotid arteries showed convulsions, and died within 1-12 hrs. The few without convulsions lived longer, up to 4 days. When the animals were placed in an atm. of 50% O<sub>2</sub> for 8 hrs., the no. of convulsive cases decreased. During anemia, especially in convulsive animals, a disturbance was observed in the resynthesis of adenosine triphosphate, because of O<sub>2</sub> starvation, which lowered oxidative phosphorylation. After a sleeping dose of urethan, the P metabolism of the anemic animals was practically normal. Cooling the animals to 30-31° for 2 hrs. previous to ligation of the carotid arteries prolonged the life of the animals and prevented a profound disturbance in the metabolism of labile P compounds. H. Priesley

(BA-BIII Je 53:807)

1. INTRODUCTION

2. MATERIALS AND METHODS

3. RESULTS AND DISCUSSION

4. CONCLUSIONS

5. REFERENCES

2/1/80

SHAPOT, V.S.; PETROV, I.R.; GROMOVA, K.O.; KUDRITSKAYA, T.Ye.

Role of irritation of the central nervous system in the increase of sensitivity of the organism to anoxia. Fiziol. zh. SSSR 39 no.5:614-617  
Sept-Oct 1953. (CML 25:4)

1. Department of Biochemistry of the Institute of Experimental Medicine of the Academy of Medical Sciences USSR and the Department of Pathophysiology of Military Medical Academy imeni S. M. Kirov, Leningrad.

PERKOV, I.P., LAYKO, E.A., AKTAY, G.A., KUDRITSKAYA, T.YU.

"The Application of Artificial Hypothermia for Preventing Harmful  
Consequences of Temporary Cessation of the Total Blood Circulation," p. 8  
Military Medicine, 1956.

lecture delivered at a conference of Soviet military physicians at the Military  
Medical academy im. S.M. Kirov, Leningrad, 29-October - 2 Nov 56/

KUDRITSKAYA, T.Ye., kandidat meditsinskikh nauk (Leningrad, ul. Lebedeva, 37)

Compound therapy in burn shock. [with summary in English, p.159]  
Vest. khir. 77 no.2:69-73 Y '56 (MLRA 9:6)

1. Iz kafedry patologicheskoy fiziologii (nach. prof. I.R. Petrov)  
Voyenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova.

(BURQIS, compl.

shock, ther.)

(SHOCK, etiol. and pathogen.

burns, ther.)



*Handwritten: PETROV, I.R.; RAYKO, Z.A.; KUDRITSKAYA, T.Ye.*  
PETROV, I.R.; RAYKO, Z.A.; KUDRITSKAYA, T.Ye.

Comparative characteristics of functional changes in some indexes of carbohydrate phosphorus metabolism in the brain tissue in the agonal state, in clinical death, and in resuscitated animals. [with summary in English]  
Fiziol. zhur. 43 no.2:107-116 P '57

(MLRA 10:4)

1. Kafedra patologicheskoy fiziologii i Kafedra biologicheskoy khimii Voenno-meditsinskoy akademii im. S.M. Kirova, Leningrad.  
(BRAIN, metab.

carbohydrate-phosphorus in agony, clin. death & in resuscitated cats)

(CARBOHYDRATES, metab.

carbohydrate-phosphorus metab. in brain, eff. of exper. agony, clin. death & resuscitation in cats)

EXCERPTA MEDICA Soc.9 Vol.12/5 Surgery May 1958

KUDRITSKA, T.E.

2840. THE INFLUENCE OF HYPOTHERMIA AND GANGLIOPLEGIC DRUGS ON THE BRAIN PHOSPHORUS AND CARBOHYDRATE METABOLISM IN ANIMALS WITH TEMPORARY EXCLUDED HEART CORONARY CIRCULATION (Russian text) - Raiko Z. A., Petrov I. R. and Kudritska T. E. - VESTN. KHIR. 1957, 78/5 (56-63 and 158) Graphs 2 Tables 3

It was found that after a 20-min. exclusion of coronary circulation cats under hypothermia recuperated all their functions, the organic phosphorus compounds being preserved in the brain tissue at normal levels, the quantity of inorganic phosphorus being slightly raised and lactic acid being present in great amounts (augmentation of glycolysis). Five, 12 and 30 min. after the restoration of normal circulation the latter was on a markedly high level, the interval of an hour bringing about its evident decrease and the appearance of normal levels of organic phosphorus compounds and inorganic phosphorus. Thus, at the end of the first hour the synthetic brain property associated with phosphorylation is obviously restored. After a period of from 2 to 3 hr. of normal circulation, when the body temperature increased to 30°-33°, the animal showing tremor and dyspnoea, with decreasing of phosphorus compounds. These symptoms of anoxia suggest the need of preventive measures in the course of rewarming to palliate the impending oxygen insufficiency.

KUDRITSKAYA, T.Ye.; SHURYGIN, D.Ya.

Effect of amino peptide on the survival of animals following blood loss  
[with summary in English, p.61-62]. Probl.geust. i oserl. krovi }  
no.1:44-47 Ja-F '58. (MIRA 11:3)

1. Iz kafedry patofiziologii (nach. - chlen-korrespondent AMN SSSR  
prof. I.R.Petrov) i kafedry fakul'tetskoy terapii (nach. - prof.  
V.A.Beyer) Voenno-meditsinskoy ordona Lenina akademii imeni S.M.  
Kirova.

(AMINO ACID MIXTURES, effects,  
amino peptide, on survival of animals after exper.  
hemorrh. (Rus))

(HEMORRHAGE, experimental,  
eff. of amino peptide on survival of animals (Rus))

EXCERPTA MEDICA Sec 9 Vol 13/6 Surgery June 59  
3039. (807) THE USE OF AMINOPEPTID IN BLOOD LOSS. (EXPERIMENTAL  
INVESTIGATION) (Russian text) - Kudritskaya, T. E. and Shuryghin  
D. Ya. - VESTN. KHKh. 1958, 81/8 (54-58) Tables 2

Blood was withdrawn from the femoral artery of dog in quantities from 34 to 79% of the whole blood volume, this procedure being immediately followed by amino-peptid administration into the femoral vein. The volume of the injected solution was similar to that of the blood withdrawn. Readings of arterial blood pressure, respiration, length of the animal survival and the rate of blood restoration were the criteria studied. In cases of mean severity and, in some instances, of great blood loss, aminopeptid proved to be a reliable agent. It could not palliate a repeated second fall of blood pressure. The best response resulted from the administration of aminopeptid with a maximal concentration of protein and salts and a minimal percentage of amine nitrogen in relation to the whole nitrogen. The restoration of the blood indices corresponded to those of the control animals.

(IX, 2)

*Chr Pathophysiology & Security Therapy*  
*Science #1 Mit Med Board in 1958*

RAYKO, Z.A.; PETROV, I.R.; KUDRITSKAYA, T.Ye.

Phosphorus compounds and lactic acid in brain and heart tissues of hypothermic animals during cardiac arrest and during restoration of systemic circulation by a series of therapeutic procedures. *Fiziol. zhur.* 45 no.12:1489-1496 D '59.  
(MIRA 13:4)

1. From the Department of Pathologic Physiology, S.M. Kirov Military Medical Academy, Leningrad.

(CARDIAC ARREST experimental)  
(LACTATES chemistry)  
(PHOSPHORUS chemistry)  
(HYPOTHERMIA INDUCED experimental)  
(HEART chemistry)  
(BRAIN chemistry)

PETROV, I.R.; prinimali uchastiye: KULAGIN, V.K.; LEMUS, V.B.; KUDRITSKAYA, T.Ye.; KOROSTOVTSEVA, N.V.; KUDRIN, I.D.; GULYA, G.I.

General adaptation reactions during the action on the body of  
noxious stimuli. Vest.AMN SSSR 17 no.5:87-93 '62. (MIRA 15:10)  
(ADAPTATION (PHYSIOLOGY))

VASADZE, G.Sh.; KUDRITSKAYA, T.Ye. (Leningrad)

Complex therapy of burn shock. Pat. fiziol. i eksp. terac. 6  
no.4:34-38 J1-Ag '62. (MIRA 17:8)

1. Iz kafedry patologicheskoy fiziologii (nachal'nik - deyst-  
vitel'nyy chlen AMN SSSR prof. I.R. Petrov) Voenno-meditsinskoy  
ordena Lenina akademii imeni Kirova.

KUDRITSKIY, D.M.

Problem of a geodetic dictionary. Geod. i kart. no.2:70-71 P '63.

(MIRA 16:3)

(Geodesy—Dictionaries)

(Russian language—Dictionaries)



KUDRITSKIY, D. M.

USSR/Oceanology - Waves  
Instruments

Jul/Aug 48

"New Development in Stereophotographic Surveying of  
Wave Agitation," D. M. Kudritskiy

"Meteorol 1 Gidro" No 4, pp 66-74

In 1946, Div of Aerial Photographic Surveying of  
State Hydrographic Inst and Naval Acad named Krylov  
designed SPA-1 stereophotographic surveying unit,  
consisting of two arbitrarily directed aerial cam-  
eras attached to 6-m sectional girder-carrier.  
Unit passed production tests in 1946 and was used

1627101

USSR/Oceanology - Waves (Contd)

Jul/Aug 48

for stereophotographic surveying of Rybinsk reser-  
voir in 1947. Discusses advantages and deficiencies  
revealed by 2 years of exploitation of rev unit.  
Submitted 25 May 48.

1627101

KUDRITSKIY, D.M., kandidat tekhnicheskikh nauk

Some problems in the wave research method using stereophotogram-  
metric surveying. Meteor. i gidrol. no. 2:41-45 F '52.  
(MIRA 8:9)

1. Gosudarstvennyy gidrologicheskiy institut, Leningrad.  
(Waves) (Photogrammetry)

1. KUDRITSKIY, D. M.
2. USSR (600)
4. Rukitov, D. I.
7. "Measuring the level of rivers, canals, and reservoirs." N. G. Viduyev, D. I. Rukitov. Reviewed by D. M. Kudritskiy. Sov.kniga no. 11, 1952.
9. Monthly List of Russian Accessions, Library of Congress, February 1953, Unclassified.

KUDRITSKIY, D.M.

SHUL'TS, S.S., doktor geolog-mineralobicheskikh nauk, redaktor;  
KUDRITSKIY, D.M., redaktor; MOLODTSOVA, N.O., tekhnicheskii  
redaktor.

[Collection of articles on research in aerial photography]  
Sbornik statei laboratorii aerometodov (1953 g.) Moskva, 1954.  
132 p. [Microfilm] (MLRA 9:1)

1. Akademiya nauk SSSR.  
(Photography, Aerial)

KUDRITSKIY, D.M.

Role and tasks of aerial methods in hydrographic research. Geog.  
sbor. no. 7:5-30 '55. (MIRA 9:1)  
(Water resources development) (Photography, Aerial)

SHARKOV, Vitaliy Vasil'yevich, redaktor; KUDRITSKIY, Dmitriy  
Mikhaylovich, redaktor; DOLMATOV, P.S., vedushchiy redaktor;  
GUMENAD'YEVA, I.M., tekhnicheskii redaktor

[Use of aerial methods for geological investigations of the  
ocean bottom; a brief practical manual] Primenenie aerometodov  
dlya geologicheskikh issledovaniy morskogo dna; kratkoe  
metodicheskoe rukovodstvo. Pod red. V.V. Sharkova i D.M.  
Kudritskogo. Leningrad, Gos. nauchno-tekhn. izd-vo neftianoi i  
gorno-toplivnoi lit-ry, Leningradskoe otd-nie, 1956.  
254 p.

(MLRA 10:4)

1. Akademiya nauk SSSR. Laboratoriya aerometodov.  
(Aerial photogrammetry) (Ocean bottom)

KUDRITSKIY, Dmitriy Mikhaylovich; POPOV, Igor' Vladimirovich; ROMANOVA, Yefrosin'ya Andreyevna; DOMANITSKIY, A.P., kandidat geograficheskikh nauk, redaktor; YASHOORODSKAYA, M.M., redaktor; FLAUM, M.Ya., tekhnicheskiy redaktor

[Principles of hydrographic deciphering of aerial photographs]  
Osnovy gidrograficheskogo deshifrirovaniia aerofotosnirkov. Pod red. A.P.Domanitskogo. Leningrad, Gidrometeorologicheskoe izd-vo, 1956. 343 p.

(Photogrammetric pictures)  
(Hydrographic surveying)

(MLRA 9:9)

VENDROV, Semen Leonidovich,; GROSHEV, Aleksandr Afanas'yevich,; ISAKOV,  
Nikolay Mikhaylovich,; SERGEYEV, Leonid Aleksandrovich,; SHEPSHELEVICH,  
Iosif Mikhaylovich,; VELICHKO, Viktor Aleksandrovich,; BLIZNYAK,  
Ye. V., doktor tekhn. nauk, prof., red.; ORUZINOV, A.I., retsenzent,;  
KUDRITSKIY, D.M., red.; VOLCHOK, K.M., tekhn. red.

[Modern techniques of hydrographic research] Sovremennaya tekhnika  
gidrograficheskikh issledovaniy. Leningrad, Izd-vo "Rechnoi transport,"  
Leningr. otd-nie, 1957. 170 p. (MIRA 11:12)  
(Hydrographic surveying)



KUDRITSKIY, D.M.

The All-Union conference on aerial photography. Izv. AN SSSR. Ser.  
Geog. no.3:142-145 My-Je '57. (MIRA 10:12)  
(Photography, Aerial)

KUDRITSKIY, D.M.

All-Union interdepartmental conference on aerial surveying.

Vest. IOU 12 no.2:190-191 '57.

(MIRA 11:2)

(Aeronautics in surveying)

3(4)

AUTHOR:

Kudritskiy, D. M.

SOV/50-59-1-14/20

TITLE:

The Leveling of Maritime Water Measuring Posts (O nivelirovani morakikh vodomernykh postov)

PERIODICAL:

Meteorologiya i gidrologiya, 1959, Nr 1, pp 58-60 (USSR)

ABSTRACT:

Three instructions of the GOIN (Gosudarstvennyy Okeanograficheskiy Institut - State Oceanographic Institute) published almost simultaneously in 1957 are criticized. The author takes them to be superfluous, as sufficient and detailed instructions of the GUGK (Glavnoye Upravleniye Geodezii i Kartografii - Main Administration of Geodesy and Cartography) and service regulations of the GUGMS (Glavnoye Upravleniye Gidrometeorologicheskoy Sluzhby - Main Administration of Hydrometeorological Service), as well as numerous textbooks, are available. Besides, the instructions contain many inaccurate definitions and editorial faults.

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23(5)

AUTHOR:

Kudritskiy, D.M.

SOV/10-59-3-29/32

TITLE:

The Plenary Session of the Interdepartmental Committee on Aerial Photography

PERIODICAL:

Izvestiya Akademii nauk SSSR, Seriya geograficheskaya, 1959, Nr 3, pp 150-151 (USSR)

ABSTRACT:

The plenary session of the Interdepartmental Committee on Aerial Photography of the Otdeleniye geologo-geograficheskikh nauk AN SSSR (the Division of Geology and Geography of the AS USSR) was held on Nov 17 and 18, 1958, in the Laboratoriya aerometodov AN SSSR (Laboratory of Aeromethods, AS USSR) in Leningrad. The following problems were discussed: mutual information on prospective work and on completed themes; organization of the keeping of aerial photographic materials serving as an intermediary stage in the cartographic process; the working out of a unified work plan to perfect methods used in interpreting aerial photography; coordination of research on the economy and organization of aerial geodetic work; organizational problems. The Committee

Card 1/4

SOV/10-59-3-29/2

The Plenary Session of the Interdepartmental Committee on Aerial Photography

published in 1958 a specialized bulletin under the title "Svodka materialov po razrabotke i ispol'zovaniyu aerometodov" (A Summary of Materials Concerning the Development and Use of Aerial Methods). This bulletin will be published yearly, near the first of September. It will include work plans of the respective institutions for the current, as well as the forthcoming year, yearly reports, reports on theoretical development, new apparatus and equipment, on the application of aerial methods in different branches of science and technology, and a respective bibliography. The Committee accepted a resolution according to which D.M. Kudritskiy (Leningradskiy gidrometeorologicheskiy institut - Leningrad Hydrometeorological Institute), Ya.Ye. Zlatkin (TsNII OAIK) and B.V. Troitskiy (GUKK MVD USSR), members of the Committee, are to work out basic directives for the registration and storing of aerial photographic materials on a state scale. The depositories, as used by the Gosgeofond, the Kartgeofond and others will serve as examples. As far as the interpreting of aerial photographic materials are

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30V/10-59-3-29/32

The Plenary Session of the Interdepartmental Committee on Aerial Photography

concerned, the following tasks have been recommended to respective organizations for special attention: 1) wide development of the theory of aerial photography; 2) improvement of interpreting methods; 3) the generalizing and systematizing of the interpreted materials. The session requested the TsNIIGAIK, the NII VTS, the Laboratory of Aerial Methods, as well as the Department of Geography of the Moscow State University (MGU), to prepare typical samples of albums generalizing the most important interpreting materials, and to carry out the respective landscape districting of Soviet territory. The development of the general theory of aerial photography should be done in the Laboratory of Aeromethods, AS USSR. A special committee presided over by A.I. Sukhov (MIIGAIK) has been given the task of coordinating research on the economy and organization of Soviet aerial geodetic work. Respective regional conferences are to be summoned, and specialized bulletins published. The session

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SOV/10-59-3-29/32  
The Plenary Session of the Interdepartmental Committee on Aerial Photography

recommended to the Geograficheskoye obshchestvo SSSR (USSR Geographical Society) to organize, in its regional branches committees on aerial photography and photogrammetry - along the lines of the Leningrad Committee. The following curators were appointed to assist the Inter-Departmental Committee on Aerial Photography in the corresponding sections: Yu.K. Yutsevich (air surveying photography), K.S. Lyalikov (aerial photography), D.S. Volosov (optics), G.B. Romanovskiy (photogrammetry), I.R. Zaitov (general questions of deciphering), G.A. Avsyuk (aerial geography), V.A. Bukhanevich (aerial geology), A.A. Logachev (aerial geophysics), G.G. Samoylovich (forestry), A.V. Glagolev (engineering investigations) and A.I. Sukhov (problems of economy and organization). There is 1 Soviet reference.

Card 4/4

KUDRITSKIY, D.M.

Aerial methods in hydrology and hydrography; annotation.  
Trudy Lab.aeromet. 7:208 '59. (MIRA 13:1)

1. Leningradskiy gidrometeorologicheskiy institut.  
(Aerial photogrammetry) (Hydrographic surveying)



KUDRITSKIY, D.M., dotsent

Some problems in the terminology of aerial photograph interpretation.  
Izv. vys. ucheb. zav.; geod. i aerof. no. 3:75-80 '60.

(MIRA 13:10)

1. Leningradskiy gidrometeorologicheskii institut.  
(Photographic interpretation)

S/010/60/000/004/004/006/XX  
A053/A026

AUTHOR: Kudritskiy, D.M.

TITLE: The Interdepartmental Commission on Aerial Surveying

PERIODICAL: Izvestiya Akademii nauk SSSR, seriya geograficheskaya, 1960, No. 4,  
pp. 138 - 142

TEXT: The regular plenary session of the Mezhdudovomstvennaya komissiya po aeros'yanke (Interdepartmental Commission on Aerial Surveying) held in Leningrad on December 10 - 11, 1959, devoted special attention to investigations connected with the development and application of aeromethods in the institutes of the AS USSR and in the academies of the associated republics. Reports were given by K.S. Lyalikov of the Laboratoriya aerometodov (Laboratory of Aeromethods), V.I. Avgeyevich of the Institut geografii (Institute of Geography), Ye.A. Galkina of the Botanicheskiy institut (Botanical Institute), N.V. Lebedeva of the Karelskiy filial AN SSSR (Karelian Branch of the AS USSR), I.V. Protas'yeva of the Institut merzlovedeniya (Permafrost Institute), A.P. Romadonov of the Institut geologicheskikh nauk AN USSR (Institute of Geological Sciences). It was ascertained that in the AS institutes application and development of aeromethods is

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The Interdepartmental Commission on Aerial Surveying S/010/60/000/004/004/006/XX  
A053/A026

conducted on a very limited scale. The reason for this deficiency is traceable to the Interdepartmental Commission of Aerial Surveying, which has failed to give aeromethods the necessary scientific backing and to work out procedures of their application. The plenary session determined the principal tasks of the Laboratory of Aeromethods in its capacity as highest authority in this branch of science. These tasks consist in the development and improvement of aeromethods in the light of latest technical and scientific achievements. A number of problems were also pointed out, on which it is necessary to combine the work of all institutes of the Academy. These problems comprise the establishment of a general theory of aerophotography and of evaluating aerial photographs as well as the complex development of aeromethods with a view to widening their range of application and to improving the effectiveness of landscape investigation. The conference also dealt with the problem of selecting and classifying material of aerial surveying for the Tsentral'naya aeros'yemoch'naya fil'moteka (Central Collection of Films (Filmothek) of Aerial Survey). The Laboratory of Aeromethods is to assume responsibility for all development work in connection with aeromethods, while the Interdepartmental Commission will be responsible for the coordination of the work pertaining to application of aeromethods by the AS institutes. A.I. Sukhov of the МИИГАиК (MIIGAIK) reported on the construction of geodetic,

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The Interdepartmental Commission on Aerial Surveying S/010/60/000/004/004/006/XX  
A053/A026

photogrammetric and aerial surveying instruments. G.V. Romanovskiy reported on the improvement in evaluating aerial photographs, in compliance with recommendations issued during previous sessions. Other speakers were D.M. Kudritskiy of the Leningradskiy gidrometeorologicheskii institut (Leningrad Hydrometeorological Institute) and P.Ya. Rayzer of the ЛКВВИА (LKVVIA). The Commission of the plenary session deemed it necessary to convene an All Union Conference for 1961 pertaining to theoretical and practical problems evaluating of aerial photographs, in which connection a committee was formed with the following members: G.G. Samoylovich, G.V. Romanovskiy, D.M. Kudritskiy, V.I. Avgeyevich, P.Ya. Rayzer, Ya. Ye. Zlatkin, V.A. Bukhanovich, V.P. Miroshnichenko, N.N. Sokolov and S.V. Belov.



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KUDRITSKIY, D.M.

Plenum of the interdepartmental committee on aerial photography.  
Izv. AN SSSR. Ser. geog. no. 4:163-164 J1-Ag '61. (MIRA 14:7)  
(Photography, Aerial)

KUDRITSKIY, D.M., red.; SAMOYLOVICH, G.G., red.; YANIKOV, G.V., red.;  
HELICHENKO, R.K., mladshiy red.; KISELEVA, Z.A., red. kart;  
BURLAKA, N.P., tekhn. red.

[Aerial methods of studying natural resources] Aerometody izu-  
cheniya prirodnnykh resursov. Moskva, Gos.izd-vo geogr. lit-ry,  
1962. 327 p. (MIRA 15:3)

(Aeronautics in geology)

SHCHAVELEV, Aleksy Fedorovich; KUDRITSKIY, D.M., red.; VOLCHOX,  
K.M., tekhn. red.

[Geodesy] Geodeziia. Leningrad, Izd-vo "Rechnoi transport,"  
1962. 332 p. (MIRA 16:1)

(Geodesy)

8/035/62/000/008/068/090  
A001/A101

AUTHORS: Kudritskiy, D. M., Samoylovich, G. G.

TITLE: Aeromethods of studying natural resources

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 8, 1962, 18,  
abstract 89161 K (Geografiz, 1962, 328 pp, ill., maps, 1 r. 31 k.)

TEXT: This collected volume generalizes experience of using aeromethods in various fields of national economy. 1) In geological-geomorphological explorations (studies of morphology of ground relief, geological mapping, studies of permafrost regions, prospecting for deposits of diamonds, ores, placers, detection of petroleum and gas-bearing areas, investigation of underwater relief and sea coasts, aerogeophysical methods for solving geological problems and determination, from air, of rock composition); 2) In studying the soil cover (mapping of soils from aerial photographs, studying the soils of the northern taiga zone and Meshcherskaya lowland, study of soil erosion under conditions of forest-steppe and arid steppe zones, studies of soils-grounds in the Western Ukraine and Belorussia, methods of deciphering the soil cover of sub-arid zones and de-

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Aeromethods of studying natural resources

S/035/62/000/008/068/090  
A001/A101

serts, using of colored aerial photographs in soil investigations, landscape regional division in deciphering soils and grounds); 3) In studying plant resources (investigation of forests, deciphering of aerial photographs in geobotanic investigations, studying vegetation in assimilation of steppes and forest-steppes, studies of plant cover of semi-desert and desert zones, using aerial photographs in studies of pastures and hay fields, river valley meadows, littoral vegetation and vegetation of seas); 4) In studying water resources (studies of sea ice conditions, surface waters, detection of peat resources, deciphering of covered drainage systems, studies of changes in shores of water reservoirs); 5) In studying hunting resources (studies of distribution and population of reindeer, pinnipedia and whales). The present state and prospects of aeromethod development are described. The collected volume is dedicated to the 25th anniversary of the Commission of Aerial Photography and Photogrammetry at the USSR Geographical Society.

D. Kudritskiy

[Abstracter's note: Complete translation]

Card 2/2

ZDANOVICH, V.G., doktor tekhn. nauk, prof.; RAMM, N.S., kand. tekhn. nauk, st. nauchnyy sotr.; SHARIKOV, Yu.D., kand. tekhn. nauk, st. nauchnyy sotr.; YANUTSH, D.A., kand. tekhn. nauk, st. nauchnyy sotr.; CHERKASOV, I.A., kand. tekhn.nauk; ALEKSEYEV-SHEMYAKIN, V.P., nauchnyy sotr.; KOL'TSOV, V.V., nauchnyy sotr.; KOSHECHKIN, B.I., nauchnyy sotr.; SEMENCHENKO, I.V., nauchnyy sotr.; UGLEV, Yu.V., nauchnyy sotr.; KUZINA, A.M., starshiy laborant; KUDRITSKIY, D.M., kand. tekhn. nauk, dots., retsenzent; VEYNBERG, V.B., doktor tekhn. nauk, retsenzent; LOSHCHILOV, V.S., kand.geogr. nauk, retsenzent; REKHTZAMER, G.R., kand. tekhn.nauk, dots., retsenzent; KOZLYANINOV, M.V., kand. geogr. nauk, retsenzent; BUSHUYEV, A.V., inzh., retsenzent; ZAMARAYEVA, R.A., tekhn. red.

[Use of airborne methods to study the sea] Primenenie aerometodov dlia issledovaniia moria. Pod obshchei red. V.G.Zdanovicha. Moskva, Izd-vo Akad. nauk SSSR, 1963. 546 p. (MIRA 16:4)

1. Akademiya nauk SSSR. Laboratoriya aerometodov. 2. Laboratoriya aerometodov Akademii nauk SSSR (for Zdanovich, Ramm, Sharikov, Yanutsh, Cherkasov, Alekseyev-Shemyakin, Kol'tsov, Koshechkin, Semenchenko, Uglev, Kuzina).

(Aeronautics in oceanography) (Aerial photogrammetry)

SAMOILOVICH, Georgiy Georgiyevich, prof. Prinimali uchastiye:  
YEREMEYEV, V.S.; KUDRITSKIY, D.M.; ZEMIN, F.I.; BAKH, M.K.;  
CHELIMOROV, V.P.; GERTSENOVA, K.N.; RAFES, P.I.; ZAKHAROV,  
P.M.; DEYNEKO, V.F., doktor tekhn. nauk, prof., retsenzent;  
ZAKHAROV, V.K., prof., retsenzent; MIROSHNIKOV, V.S., dots.,  
retsenzent; BELOV, S.V., doktor sel'khoz. nauk, red.

[Use of aerial photographic surveying and airplanes in  
forestry; aerial photography of forests and forest aviation]  
Primenenie aerofotos"emki i aviatsii v lesnom khoziaistve;  
aerofotos"emka lesov i lesnaya aviatsiia. Izd.2., dop. i  
ispr. Moskva, Lesnaya promyshl., 1964. 485 p.

(MIRA 17:10)

1. Kafedra lesnoy taksatsii i lesoustroystva Belorusskogo  
tekhnologicheskogo instituta (for Zakharov, Miroshnikov).

SAMOYLOVICH, G.G., prof.; BELYAYEV, N.I., inzh.; KUDRITSKIY, D.M., dots.; GLAGOLEV, A.V., inzh.; NEFELOV, P.M., inzh.; GALKINA, Ye.A., st. nauchn. sotr.; PLINK, L.I., inzh.; DONSKOY, I.P., prof., retsenzent; SAVEL'YEV, V.V., kand. tekhn. nauk, dots., retsenzent; ALYSHEV, I.F., kand. tekhn. nauk, dots., retsenzent; LOBANOV, A.N., prof., doktor tekhn. nauk, retsenzent; DOROKHOV, B.A., inzh., red.

[Use of aerial photographic surveying in forest engineering]  
Primenenie aerofotos"emki v lesoinzhenernom dele. Moskva, Lesnaya promyshlennost', 1965. 354 p. (MIRA 18:10)

1. Kafedra sukhoputnogo transporta lesa Lesotekhnicheskoy akademii im. S.M.Kirova (for Alyshev). 2. Zamestitel' glavnogo inzhenera Gosudarstvennogo instituta po proyektirovaniyu lesnogo transporta (for Dorokhov).

НДР-113:11, 12 [bulnyet'skyi, n.], izh.

How to calculate properly the volume of construction work.

Sil'.bud. 12 no.3:23-24, Hr '62.

(MIRA 15:8)

(Building--Tables, calculations, etc.)

KUDRITSKIY, R.; VOLKOV, A.; FOGEL', Z.; PODOBED, Yu.; TITOV, A.; SHEIN, R.;  
LITSITIS, Ya. [Licitis, J.]; OSTROVENETS, V.; SEMENTSOV, N.

Specialization is indispensable. Tekh. est. no.4:22-23 Ap '65.

(MIRA 18:6)

1. Spetsial'noye khudozhestvenno-konstruktorskoye byuro Kiyevskogo soveta narodnogo khozyaystva (for Kudritskiy, Volkov, Fogel').
2. Spetsial'noye khudozhestvenno-konstruktorskoye byuro Soveta narodnogo khozyaystva Moskovskogo gorodskogo ekonomicheskogo rayona (for Podobed). 3. Spetsial'noye khudozhestvenno-konstruktorskoye byuro Soveta narodnogo khozyaystva Leningradskogo ekonomicheskogo rayona (for Titov). 4. Spetsial'noye khudozhestvenno-konstruktor-skoye byuro Sredne-Ural'skogo soveta narodnogo khozyaystva (for Shein). 5. Spetsial'noye khudozhestvenno-konstruktorskoye byuro Soveta narodnogo khozyaystva Latviyskoy SSR (for Litsitis, Ostrovenets, Sementsov).

KUDRISKIY, V.D.

Calculating periods for compulsory testing of measuring instruments.  
Izm.tekh. no.9:51-53 S '65. (MIRA 38.10)

KUDRITSKIY, Yu.K.

Changes in the excitability of the motor reflex with summation of  
the effect of small doses of X rays. Vest. rent, 1 rad. no. 6:15-21  
H-D '55. (MLRA 9:4)

(MOVEMENT

motor reflex, eff. of summarized action of small dosages  
of x-rays.)

(REFLEX,  
same)

(ROENTGEN RAYS, eff.

on motor reflex, summarized action of small dosages)



RUSSIAN MEDICAL JOURNAL Sec.16 Vol.6/5 - Cancer - May - 1953

Yu. K. 2209. *Skin cancer relapses following X-ray therapy (Review by)* Kudrinskii Yu. K.  
Central Roentgen-Radiological Institute, Leningrad. *Vopr. Onkol.* 1953, 2 (177-182)

There were 21.4% relapses among 1,400 cases of skin cancer observed during a period of 30 yr. of experience with X-ray therapy. Approximately 75% of all the relapses occur during the first year following the treatment (with an equal distribution over all stages of the disease process), a majority of them (60%) being observed between 4 and 6 months. The second peak in incidence of the relapses occurs towards the end of the second or the beginning of the third year. Bearing these facts in mind, it is advisable to give special attention to the patients and even to give prophylactic X-ray therapy at the slightest suspicion of the possibility of relapses at periods when they most frequently occur, 4-6 months and 2 years after treatment. Three years should be the minimum period of observation following treatment necessary to evaluate the effectiveness of the method of X-ray therapy used for skin cancer. The frequency of skin cancer relapses is really influenced neither by the site nor by the histological structure of the tumour. Observations have shown that radiotherapy of relapses following X-ray therapy of skin cancer can be quite successful. X-ray therapy of relapses is less effective. As a rule, repeated X-ray therapy of skin cancer relapses does not lead to a cure. X-ray therapy does not produce changes in the histological structure of the tumour.

Falileeva - Moscow

USSR / Human and Animal Physiology. The Effect of  
Physical Factors. Ionizing Irradiations. T

Abs Jour: Ref Zhur-Biol., No 22, 1958, 102354.

Author : Kudritskiy, Yu. K.

Inst : Not given.

Title : On the Problem of Adaptive Reactions of the Organ-  
ism Under the Effect of Ionizing Radiation.

Orig Pub: Tr. Vses. konferentsii po med. radiol. Eksperim.  
med. radiol. M., Medgiz, 1957, 55-58.

Abstract: Rabbits were subjected to chronic general irradi-  
ation with daily doses of 10 r each. The time  
fluctuations of the flexor reflex of the shin (ac-  
cording to the method of Zakusov) which was deter-  
mined in experiments of many hours duration de-  
creased gradually in accordance with the repeti-

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USSR / Human and Animal Physiology. The Effect of  
Physical Factors. Ionizing Irradiations.

T

Abs Jour: Ref Zhur-Biol., No 22, 1958, 102354.

Abstract: tion of irradiations and approached the degree observed in control animals after approximately 160 days. Before death (at the level of total doses of a 3000-r range the time fluctuations of the reflex again became larger. A decrease of fluctuations after repeated actions was noted in daily irradiations with 100 r each, every second day - 500 r each, as well as with 1200 r 2-3 weeks after preceeding irradiation with 300 r or in 3000 r 8-11 months after preceeding irradiation with 500 r. In the two latter cases, the preliminarily-irradiated animals lived somewhat longer than those which were subjected to only single irradiation. The effect of repeated irradiations was conditioned by the development of adaptive defensive reactions in the irradiated organism. -- E. B. Glikson.

Card 2/2

~~KUDRITSKIY, Yu. K.~~

Manifestation of adaptative reactions following repeated and frequent application of ionizing radiation. Med, rad. 2 no.3: 3-13 My-Je '67. (MIRA 10:10)

1. Iz Tsentral'nogo nauchno-issledovatel'skogo rentgeno-radiologicheskogo instituta Ministerstva zdravookhraneniya SSSR.

(RADIATIONS, eff.

ionizing on flexor reflex in rabbits)

(REFLEX, eff. of radiations on

flexor reflex, eff. of ionizing radiation in rabbits)

KUDRITSKIY, Yu.K.

Thirty-eighth session of a Leningrad city-wide seminar on  
radiobiology and the physics of ionizing radiation at the  
Central Research Institute of Medical radiology of the Ministry  
of Public Health of the U.S.S.R., February 27, 1959. Med.rad.  
4 no.6:94-95 Ja '59. (MIRA 12:8)  
(RADIATION--PHYSIOLOGICAL EFFECT)

ACCESSION NR: AP4025125

S/0241/64/009/003/0084/0089

AUTHOR: Kudritskiy, Yu. K. (Leningrad); Poplavskiy, K. K.  
(Leningrad)

TITLE: The Third Scientific-Industrial Conference on Radiation Hygiene

SOURCE: Meditsinskaya radiologiya, v. 9, no. 3, 1964, 84-89

TOPIC TAGS: radiation hygiene, radiation effect, ultraviolet radiation, dosimetric apparatus

ABSTRACT: The Leningrad Scientific Research Institute for Radiation Hygiene of the Ministry of Public Health, RSFSR, sponsored the Third Scientific-Industrial Conference on Radiation Hygiene in Leningrad, 16-20 April 1963. More than 650 representatives of Soviet scientific and industrial organizations participated in the conference. One hundred and fourteen papers on the basic problems of radiation hygiene were presented at the meetings. R. S. Mostova, T. A. Sviderskaya, and

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ACCESSION NR: AP4025125

D. M. Tyukov, reporting on the action of various types of radiation energy, stated that ultraviolet radiation increases and infrared radiation decreases the resistance of the organism to the action of ionizing radiation. T. A. Sviderskaya established experimentally that determination of the activity of the SH-group and of alkali phosphatase in the blood is a very sensitive indicator of the effect of ionizing radiation on the organism of men and animals. Seventeen reports dealing with computer-dosimetric apparatus and radio-metric and radiochemical methods of investigation were presented. O. N. Chulkova discussed the functional status of the vestibular analyzer in white mice. She found that irradiation with small doses (25 r) reduced sensitivity to the rotation test from the 15th to the 40th day after exposure; a decrease in the radioresistance of the vestibular analyzer was observed after additional irradiation with doses of 200, 400, and 600 r. A. S. Orlov investigated the effect of preliminary irradiation of mice with small doses (25 r) of ionizing radiation on the content and biosynthesis of DNA in tissues subjected to repeated irradiation with doses of 400—1000 r at 14-day intervals. N. D. Bukhman and associates presented a paper on the change in the sensitivity of the organism to ionizing radiation in relation to

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the content of B vitamins in the diet. It was shown that the prophylactic action of the combined use of B vitamins is effective only at certain doses. S. A. Keyzer reported on the relationship between the biological effect and doses in single exposures and in chronic irradiation with small and medium doses. He suggested a classification of the doses ranging from 0.001 to 200,000 rem. He designated doses below 100 rem as small doses. He also described the effect of four radiation levels, namely: 1) those close to background radiation, which do not cause noticeable somatic changes; 2) doses which cause some somatic changes; 3) doses which on chronic action cause chronic radiation sickness; and 4) doses which cause subacute radiation sickness. Yu. K. Kudritsky presented a paper on the determination of the highest permissible level of ionizing radiation and suggested a classification on the basis of adaptation of the organism to the effects of radiation.

ASSOCIATION: none

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SUBMITTED: 00

DATE ACQ: 17Apr64

ENCL: 00

SUB CODE: LS

NO REF SOV: 000

OTHER: 000

Card 4/4

KUDRITSKIY, Yu.K.: POPLAVSKIY, K.K. (Leninprad)

Third Scientific and Practical Conference on Radiation Hygiene. Med.  
rad. 9 no.3:84-89 Mr '64. (MIRA 17:12)

KUDRIVTSNV, V.I.

August Martynovich Kirkhenshtein, 80th anniversary of his birth.  
Mikrobiologiya, Moskva 21 no. 6:764-765 Nov-Dec 1952. (CML 23:3)

1. Kirkhenshteyn is Active Member of the Academy of Sciences Latvian SSR, Honored Worker in Science, and founder and Director of the Institute of Microbiology of the Latvian Academy of Sciences. Also has titles of Professor, Doctor Agronomic and Biological Sciences.

CHLUMSKY, Jaromir; KUDRMANN, Jiri

On the problem of systemic lupus erythematosus. Cas. lek. cesk.  
101 no.18:454-460 My '62.

1. I klinika nemoci vnitřních LFH KU v Praze, přednosta prof. dr  
Vratislav Jonas, Dr Sc. Ústav patologické anatomie a histologie  
LFH KU v Praze, přednosta doc. dr. Josef Stolz.  
(LUPUS ERYTHEMATOSUS case reports)

KUDRMANN, J.

3  
CZECHOSLOVAKIA

KOSATKOVA, Z; KUDRMANN, J; SCHREIBER, B; SYLLABA, J., MD,  
Doctor of Scien.

1. Second Internal Medicine Clinic LFHKU (II. vnitřní  
klinika LFHKU), Prague (for Syllaba); Patho-  
logical-anatomical Institute LFHKU (Patologicko-  
anatomický ústav LFHKU), Prague - (for all)

Prague, Vnitřní lékařství, No 4, 1963, pp 374-379

"Rupture of the Heart with Survival of Several Days."

CZECHOSLOVAKIA

KATYS, ZD., MCHL, B., VOJTISEK, VI., KOTZMARI, J., and STARKA, L., Research Institute for Endocrinology (Vyzkumny ustav endokrinologicky), Prague, Docent Dr K. SILINK, director; First Department of Internal Medicine (I. interni oddeleni), Hospital at Bulovka, L. SYMON, MD, director; Surgical Clinic (Chirurgicka klinika), Faculty of Medicine (Lekarska fakulta) Charles University, Prague, Prof. Dr. E. POLAK, director; Institute of Pathological Anatomy (Patologickoanatomicky ustav), Faculty of Medical Hygiene (Lekarska fakulta hygienicka), Charles University, Prague, Docent Dr J. STOLZ, director, [individual affiliations cannot be determined]

"Benign Adenoma of the Left Adrenal With Tuberculosis of the Right Adrenal in a Patient Suffering from Cushing's syndrome and Adenocarcinoma of the Large Intestine"

Prague, Casopis Lekaru Ceskych, Vol CII, No 23, 31 May 63, pp 636-640.

Abstract [Authors English summary, modified]: Object of  
1/2

CZECHOSLOVAKIA

Prague, Časopis Lékařů Českých, Vol CII, No 23, 31 May 63, pp 636-640.

the study was a 46 year old patient suffering from Cushing's syndrome caused by a benign adenoma of the adrenal and stenosing adenocarcinoma of the sigmoid. A preoperative diagnosis was confirmed by X-ray, biochemical tests, an operation, and biopsy. The patient died on the fifth day after operation with signs of peritonitis, retroperitoneal phlegmon and sepsis caused by *Bacteri coli*. Necropsy revealed an unusual chronic tuberculous process in the other adrenal. It is assumed that it was a case of coincidence of three frequent affections. It is the fifth case of coexistence of Cushing's syndrome described and the first case of coexistence of a hormonally active benign adenoma and TB of the adrenal with malignant neoplastic process in the gastrointestinal tract. Twenty-two references, including 3 Czech and 1 Slovak.

2/2

MATYS, ZD.; NOHEL, B.; VOJTISEK, V.; KUDRMANN, J.; STAREK, L.

Benign adenoma of the left adrenal gland with tuberculosis of the right adrenal in a patient with Cushing's syndrome and adenocarcinoma of the large intestine. Cas. lek. cesk. 102 no.23: 636-640 & Je '63.

1. Vyzkumny ustav endokrinologicky v Praze, reditel doc. dr. K. Silink I interni oddeleni nemocnice na Bulovce, vedouce MUDr. L. Symon Chirurgicka klinika lekarske fakulty hygienicke KU v Praze, prednosta prof. dr. E. Polak Patologickoanatomicky ustav lekarske fakulty hygienicke KU v Praze, prednosta doc. dr. J. Stolz.



сегментов К. — Модуль Р. Автоматическое  
управление компрессора — Тестирование  
испытания

В модуле Р. (рис. 3) — блок управления  
компрессора, который обеспечивает  
автоматическое управление компрессором  
в зависимости от давления в системе.

В модуле Р. (рис. 3) — блок управления  
компрессора, который обеспечивает  
автоматическое управление компрессором  
в зависимости от давления в системе.  
В модуле Р. (рис. 3) — блок управления  
компрессора, который обеспечивает  
автоматическое управление компрессором  
в зависимости от давления в системе.  
В модуле Р. (рис. 3) — блок управления  
компрессора, который обеспечивает  
автоматическое управление компрессором  
в зависимости от давления в системе.

KUDRNA, F., mayor chekhoslovatskoy Narodnoy armii

In the struggle for high combat preparation, for economy  
and thrift. Komm. Vooruzh. Sil 4 no.22:76-78 N '63.

(MIRA 17:1)

KUDRNA, Jan

Specific technology in the sawmill industry. Drevo 19  
no.1:4-6 Ja'64.

1. Jihlavske drevarske zavody, s.p., Jihlava.

# CZECH

Metabolism of benzene in man. J. Tešinger, V. Bergerová, J. Kadeřávek, and J. Kadeřáková (Charles Univ., Prague). *Prace lékařské* 4:40-46 (1972).--Human subjects inhaled benzene (I) in concn. of 340  $\mu$ /l. of air for 8 hrs. Between 33.3 and 60% (av. 45.3%) of inhaled I (385 mg.) was retained. During the decont. period, 3.9-27.8% (av. 13.1%, exceptionally 41.5%) of retained I was excreted through the lungs and 0.1-0.2% in the urine. Normal unexposed persons excreted in the urine 9.5 mg. of phenol (II) (including *p*-cresol) and 4.8 mg. of pyrocatechol (III) during 24 hrs. Hydroquinone (IV) usually did not appear in normal urine, provided no smoked meat or drugs had been consumed. Pathologic excretion of I, 0.7-42% (av. 23.8%, exceptionally 64.0%) of absorbed I was excreted in the urine in the form of II, 6-5.4% (av. 2.0%, exceptionally 10.4%) as III, and 0.1-0.3% (av. 1.1%) as IV. Excretion of II and III was highest during the first 24 hrs. and was completed within 48 hrs., while IV took over 48 hrs. The excretion of org. sulfates (V) in the urine of exposed subjects was increased as compared to inorg. V. Opinion is expressed that I affects the metabolism of protein substances, the metabolites of which are excreted in the urine in the form of ethereal sulfates. L. J. Urbanek.